


CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)			Docket No. 500451-1001
Applicant(s): Eric W. McFarland			
Serial No. 10/057,223	Filing Date 1/25/02	Examiner Alan D. Diamond	Group Art Unit 1753
Invention: APPARATUS & METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A SOLID-STATE HETEROSTRUCTURE			
<p>I hereby certify that this <u>Amendment & Amendmend Transmittal Letter</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9370</u>)</p> <p>on <u>7-28-03</u> (Date)</p> <p><u>Valeria Carey</u> (Typed or Printed Name of Person Signing Certificate)</p> <p><u>Valeria Carey</u> (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>			

P18/REV01

AMENDMENT TRANSMITTAL LETTER (Small Entity)			Docket No. 500451-1001		
Applicant(s): Eric W. McFarland					
Serial No. 10/057,223	Filing Date 1/25/02	Examiner Alan D. Diamond	Group Art Unit 1753		
Invention: APPARATUS & METHOD FOR PHOTOVOLTAIC ENERGY PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A SOLID-STATE HETEROSTRUCTURE					
<u>TO THE ASSISTANT COMMISSIONER FOR PATENTS:</u>					
Transmitted herewith is an amendment in the above-identified application.					
<input checked="" type="checkbox"/> Small Entity status of this application has been established under 37 CFR 1.27 by a verified statement previously submitted.					
<input type="checkbox"/> A verified statement to establish Small Entity status under 37 FR 1.27 is enclosed.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	63	77	0	x \$9.00	\$0.00
INDEP. CLAIMS	33	4	29	x \$42.00	\$1,218.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$1,218.00
<input type="checkbox"/> No additional fee is required for amendment.					
<input checked="" type="checkbox"/> Please charge Deposit Account No. 50-0856 in the amount of \$1,260.00 A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-0856 A duplicate copy of this sheet is enclosed.					
<input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.					
<input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.					
 Signature				Dated: July 28, 2003	
<div style="font-size: small;">I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.</div> <div style="text-align: center; margin-top: 10px;">Signature of Person Mailing Correspondence</div> <div style="text-align: center; margin-top: 10px;">Typed or Printed Name of Person Mailing Correspondence</div>					
cc : Leonard Judson, Esq.					

P11SMALL/REV06

500451-1001

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Eric W. McFarland

Serial No.: 10/057,223

Filing Date: January 25, 2002

Group No.: 1753

Examiner: Alan D. Diamond

For: APPARATUS AND METHOD FOR PHOTOVOLTAIC ENERGY
PRODUCTION BASED ON INTERNAL CHARGE EMISSION IN A
SOLID-STATE HETEROSTRUCTURE

Box: AMENDMENT
Assistant Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT

Response to the Office Action mailed May 14, 2003, in the above-captioned application,
kindly amend the application as follows:

Cancel claims 1, 2, 3, 5, 7, 8, 13-19, 21, 23, 25, 31, 33-37, 42, 47, 50-56, 59, and 68.

Amend the claims as follows: